

# INTERNATIONAL SEARCH REPORT

International application No  
PCT/IT 03/00234

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 D02G1/16 D01H1/115 D02G3/38

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 D02G D01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 100 725 A (MAGEL BERNARD) 18 July 1978 (1978-07-18)  column 4, line 56 -column 6, line 61 ----	1-5, 10-12, 15,17, 18,21-26
X A	US 4 497 167 A (MORIHASHI TOSHIFUMI ET AL) 5 February 1985 (1985-02-05) the whole document ----	1,3,4, 11,22,23 5
X A	US 5 497 608 A (MATSUMOTO MITSUO ET AL) 12 March 1996 (1996-03-12) the whole document ----	1,3,5, 11,22 6
A	US 3 822 543 A (EDAGAWA H ET AL) 9 July 1974 (1974-07-09) column 4, line 37-58; figure 4 -----	1,3,4

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

9 December 2003

Date of mailing of the international search report

18/12/2003

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Information on patent family members

International Application No  
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